



MILCOR[®]

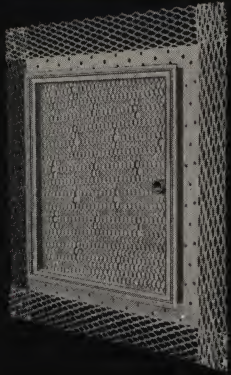



Steel Access Doors

catalog no. 210
1960 edition

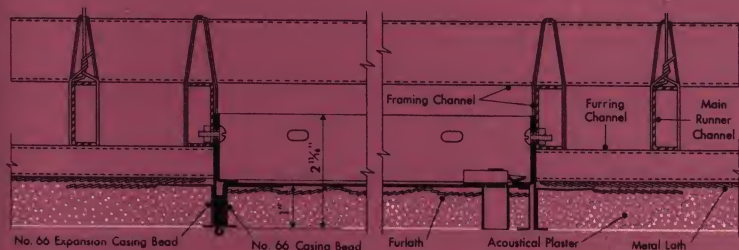


INLAND STEEL PRODUCTS COMPANY
MILWAUKEE 1, WISCONSIN

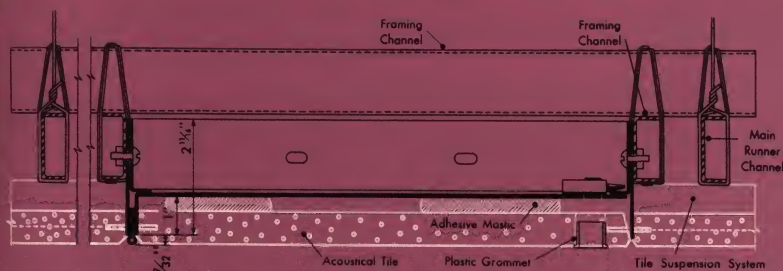


Style	Description
B	 <p>NEW — Style B doors provide a virtually concealed installation in acoustical plaster. The appearance of the surface is greatly improved over any with surface installed doors. The plaster covers the recessed door panel and is bonded to it by self-furring Milcor Furlath welded to the panel. Milcor No. 66 Casing Bead welded at the panel's perimeter protects the plaster edges. Milcor No. 66 Expansion Casing Bead on the outer frame produces a neat, close connection with the surrounding plaster area. Style B furnishes 1" grounds when attached to the furring channels, 1½" grounds when attached on outer surface of the lath, or may be shimmed to 1¼" grounds.</p>
A	 <p>Style A was developed specifically for use in acoustical tile installations. Tile is attached to the recessed door panel with adhesive mastic of sufficient depth to permit the applied tile to finish flush with the plane of the surrounding tile field. The door assembly is thus hidden within the acoustical tile layer and causes no interruption in the appearance or acoustical properties of the surface. Hinge location and recessed panel permit the door with attached tile to open freely. Door has a prime coat of white paint to blend with the tile. Packed one per carton for convenience and protection during storage and handling.</p>
K and L	 <p>Style K is mainly for use in plastered surfaces in new construction. The expanded metal wing that distinguishes this series provides reinforcement and crack resistance in the plaster area around the frame. The nailing flange is recessed ¾" so that the door panel will finish flush with the finished surface that surrounds it. This permits the doors to be painted or wall-papered along with the rest of the wall or ceiling surface so that they are hardly noticeable. Milcor Steel Access Doors make key points in service systems immediately available for maintenance without damage to the wall or ceiling.</p> <p>Style L doors can be used in either plastered or non-plastered installations — are employed in both old and new construction. Construction is identical to Style K with expansion wings omitted.</p> <p><i>Style K illustrated. Style L same except no expansion wings.</i></p>
M	 <p>Style M series can be installed in virtually any type of wall or ceiling construction — masonry, tile, wall board, etc. Its wide adaptability suits it admirably for remodeling work. The finish angle on the frame is flush with the door panel and hides the rough opening made in the wall. The door is fastened in place by nails or bolts, or by means of corrugated masonry anchors as shown in the detail at the right. Masonry anchors are furnished only when specifically requested. Door opens to 175° so that it will provide adequate clearance for the opening yet will not strike and mar the adjacent surface.</p>

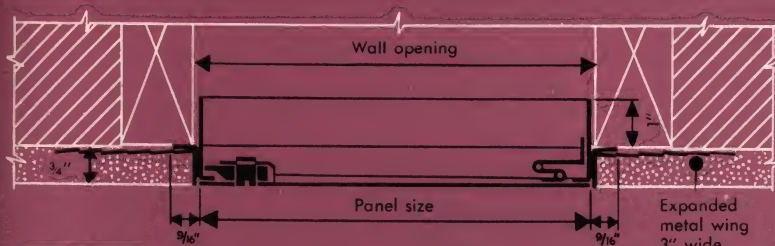
Installation Details



Section — Acoustical Plaster Ceiling.

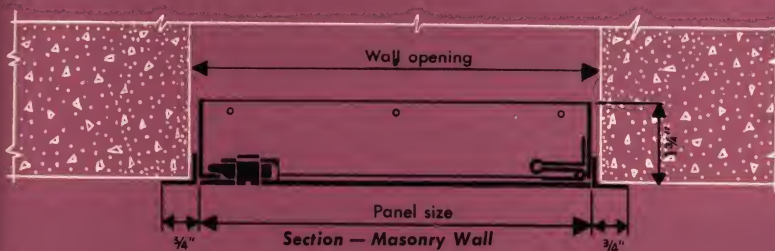


Section — Acoustical Tile Ceiling



Section — Plastered Wall

(Style L Door identical to Style K except no expansion wings.)



Section — Masonry Wall



Corrugated Anchor in Brick, Block or Structural Facing Tile.

Product Data

SIZES: 12" x 12", 12" x 24", 24" x 24". (Style A door accommodates one, two or four 12" x 12" tiles.)

MATERIAL:

Style B: Frame — 16 gauge Ti-Co Galvanized Steel; Door — 18 gauge Ti-Co Galvanized Steel (24" x 24" Door reinforced); Casing Beads — 24 gauge Ti-Co Galvanized Steel; Furlath — 3.4 lb. Copper Bearing Steel.

Style A: Frame — 16 gauge Steel; Door — 18 gauge Steel (24" x 24" Door reinforced).

PAINT: Factory-primed with coat of white rust-inhibitive paint to blend in with tile.

HINGE: Continuous hinge (on 24" side on 12" x 24" door).

LOCKS: Flush, screwdriver operated, with metal cam. Number varies with size of door. Plastic grommets furnished with Style A to protect hole made in tile for access to cam lock control. Style B has steel grommet welded to door for access to cam lock control after plastering.

PACKING: Packed one per carton.

Dimensions and weights

Door Size	Number of Cam Locks	Shipping Weight (Each)	
		Style A	Style B
12" x 12"	1	6 $\frac{3}{4}$ lbs.	9 $\frac{1}{2}$ lbs.
12" x 24"	2	11 $\frac{1}{2}$ lbs.	15 $\frac{1}{2}$ lbs.
24" x 24"	2	18 $\frac{3}{4}$ lbs.	24 $\frac{3}{4}$ lbs.

ADD LETTER "A" or "B" TO DOOR SIZE TO INDICATE STYLE DESIRED.

STANDARD SIZES: Are listed in the table below.

CUSTOM SIZES: Employing any combination of standard lengths and widths can be assembled on short notice.

SPECIAL SIZES: Will be fabricated on request.

MATERIAL: Door — 14 gauge Steel; Frame — 16 gauge Steel.

PAINT: Factory-applied prime coat of rust-inhibitive paint.

HINGES: Concealed spring hinges allow door to be opened to 175°. Doors removable by taking pin out of hinge leafs attached to doors. Number of hinges varies with size of door.

LOCKS: Flush, screwdriver operated, with metal cam. Number of cams varies with size of door. Cylinder lock with two keys furnished, if required, at slight extra charge.

ANCHORS: Corrugated Masonry Anchors furnished on Style M Doors on request at slight extra charge.

PACKING: Packed one per carton.

Styles, dimensions and weights

Door Size (Inches)	Wall Opening (Inches)	No. of Hinges	No. of Cam Locks	Shipping Weight (Each)	
				Style "K"	Style "L" or "M"
8 x 8	8 $\frac{3}{8}$ " x 8 $\frac{3}{8}$ "	1	1	4 $\frac{1}{2}$ lbs.	4 lbs.
8 x 12	8 $\frac{3}{8}$ " x 12 $\frac{3}{8}$ "	1	1	5 $\frac{3}{4}$	5 $\frac{1}{4}$
12 x 12	12 $\frac{3}{8}$ " x 12 $\frac{3}{8}$ "	1	1	7 $\frac{1}{4}$	6 $\frac{1}{2}$
12 x 16	12 $\frac{3}{8}$ " x 16 $\frac{3}{8}$ "	2	1	9	8 $\frac{1}{2}$
12 x 18	12 $\frac{3}{8}$ " x 18 $\frac{3}{8}$ "	2	1	10 $\frac{1}{4}$	9 $\frac{1}{2}$
16 x 16	16 $\frac{3}{8}$ " x 16 $\frac{3}{8}$ "	2	1	11 $\frac{1}{4}$	10 $\frac{1}{4}$
16 x 20	16 $\frac{3}{8}$ " x 20 $\frac{3}{8}$ "	2	1	13	12 $\frac{1}{4}$
18 x 18	18 $\frac{3}{8}$ " x 18 $\frac{3}{8}$ "	2	1	13 $\frac{1}{4}$	12 $\frac{1}{2}$
20 x 24	20 $\frac{3}{8}$ " x 24 $\frac{3}{8}$ "	2	2	17 $\frac{1}{2}$	16 $\frac{1}{2}$
20 x 30	20 $\frac{3}{8}$ " x 30 $\frac{3}{8}$ "	3	3	21 $\frac{1}{2}$	20 $\frac{1}{4}$
24 x 24	24 $\frac{3}{8}$ " x 24 $\frac{3}{8}$ "	2	**4	21	20
24 x 30	24 $\frac{3}{8}$ " x 30 $\frac{3}{8}$ "	3	*5	25 $\frac{1}{2}$	23 $\frac{1}{2}$
24 x 36	24 $\frac{3}{8}$ " x 36 $\frac{3}{8}$ "	3	*5	29	27 $\frac{1}{2}$

*One Cam Lock (Centered) at top and bottom of door; three Cam Locks on locking side of door.

**Same as above (*) except two Cam Locks on locking side of door. ADD LETTER "K," "L" OR "M" TO DOOR SIZE TO INDICATE STYLE DESIRED.

Ready to install

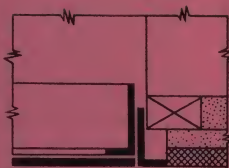
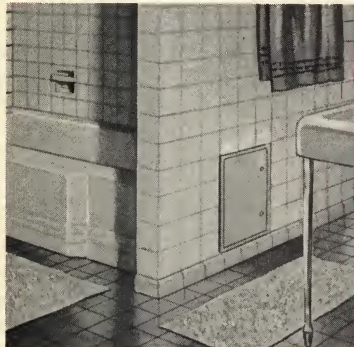
Furnished complete — ready to fasten in place. No cutting, adjusting or altering required. No frame to build. Installation time and labor costs are greatly reduced.

Prime coat painted

Save on painting costs. No sanding needed; no filler coat required. One finish coat ordinarily provides satisfactory coverage. Painted along with surrounding surface.

All-steel construction

Door panels fit properly; frames are true; locks and hinges operate smoothly — for the life of the building — because steel will not warp, shrink or swell.



Style M Door
in tile wall.



Style A Door
in acoustical tile.

Plumbing maintenance in the bathroom area can create a severe problem. Provide the solution beforehand with a Milcor Steel Access Door. Sketch and detail drawing show Style M door in a tile wall.

The advantages in appearance and acoustical performance of the concealed Milcor Style A or B doors are readily apparent. They are designed with the built-in strength to assure a ceiling installation that won't sag or warp.



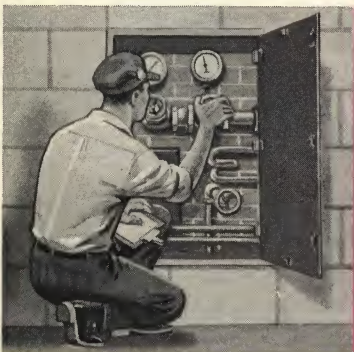
Style L Door
in non-plastered
construction.



Style L Door
in plaster and tile.

The increasing use and multiplicity of electrical appliances and equipment presents a growing need for access to concealed electrical control points in residential as well as non-residential buildings.

Specialized types of equipment must be constantly in operating condition to insure smooth functioning of an institution's routine. Motors and other key points are immediately accessible with Milcor Steel Access Doors.



Style M Door
in concrete block.

The use of access doors permits the entire refrigeration system to be concealed in the wall with valves protected from casual tampering. Style M door is mortared in place in concrete block opening.



Style K Door
in plaster ceiling.

Style K or L doors are excellent for access to unfinished attics or attic spaces, because they fit flush with the ceiling — make a neat, almost unnoticeable installation. Insulation to be supplied by others.

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